INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/08919

	CATION OF SUBJECT MATTER H01Q9/38, 1/38, 9/28, 9/18, 1/40, 1/24		
According to I	International Patent Classification (IPC) or to both na	tional classification and IPC	
B. FIELDS SI	EARCHED		
	cumentation searched (classification system followed b	y classification symbols)	
Jitsuyo S		e extent that such documents are included in Froku Jitsuyo Shinan Koho 1994—2003 tsuyo Shinan Toroku Koho 1996—2003	3
Electronic da	ta base consulted during the international search (nar	ne of date base and, where practicable, search	terms used)
C. DOCUME	NTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropri	ate, of the relevant passages	Relevant to claim No.
	JP 09-223921 A (NTT Mobile Communications Net 26 August, 1997 & CA 2186186 A1 & EP 76 & US 5872546 A & KR 211229 B & EP 124 Full text; all drawings	6343 A2 & CN 1151621 A	1, 2, 5, 8, 9, 18-21, 30-33, 35-40, 42, 43 3, 4, 6, 7, 10, 16, 22-29, 34, 41, 44-48, 52-56, 60, 61
□ Further	documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents: "A" document defining the general state of the art which in not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
	actual completion of the international search	Date of mailing of the international search re	eport
	ptember, 2003 (18.09.03)	30 September, 2003 (30.09.03) Authorized officer	
Name and mailing address of the ISA/ Japanese Patent Office Facsimile No.		Telephone No.	

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X	JP 3008389 U (Kamikawa Corp.) 21 December, 1994 (Family: none)	11-14
Y	Full text; all drawings	4, 6, 10, 15-17, 24
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Y	JP 2001-203529 A (Matsushita Electric Industrial Co., Ltd.) 27 July 2001 (Family: none) Par. No. [0037], Figs.1 to 3	17
Y	JP 2002-319811 A (Murata Manufacturing Co., Ltd.) 31 October 2002 (Family: none) Full text; all drawings	22-24, 34
Y	JP 11-27026 A (Murata Manufacturing Co., Ltd.) 29 January 1999 (Family: none) Full text; all drawings	27-29
Y	CD-ROM which recorded content of description and drawing appended to application form of Japan Utility Model Application 3-38911 (JU 5-76109-A). (Asahi Glass Co., Ltd.) 15 October 1993 (Family: none) Full text; all drawings	41, 44-48
A	JP 2001-217632 A (Matsushita Electric Industrial Co., Ltd.) 10 August 2001 (Family: none) Full text; all drawings	49-51, 57-59
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